

Title (en)
Front part of a railway car.

Title (de)
Stirnseite eines Eisenbahnreisezugwagens.

Title (fr)
Partie frontale d'une voiture de chemin de fer.

Publication
EP 0370459 B1 19940202 (DE)

Application
EP 89121514 A 19891121

Priority
DE 3839716 A 19881124

Abstract (en)
[origin: EP0370459A2] The invention relates to the front part of a railway car, having an intercommunicating gangway, which is variable in length in the longitudinal direction of the car, in the area between two lateral buffers, sprung in the longitudinal direction of the car. At least under certain operating conditions, the intercommunicating gangway lies with its associated parts below a horizontal plane, over which the buffer heads protrude upwards. When their buffer springs are under normal stress, the buffer heads lie in a vertical transverse plane, in which front end parts of the intercommunicating gangway lie. Furthermore, the intercommunicating gangways of two cars to be connected to each other are preferably held in contact without solid connection by springs acting in the longitudinal direction and, finally, the gangway treadplates of this intercommunicating gangway are preferably adjustable in the longitudinal direction independently of the protection of the gangway. The invention is characterised in that means are provided by which the buffer heads and the said front end parts of the gangway treadplate can be kept essentially in a common perpendicular plane transverse to the vehicle even when the buffer plates change their position due to changed stressing of the buffer springs.

IPC 1-7
B61D 17/22; **B61D 17/06**

IPC 8 full level
B61D 17/06 (2006.01); **B61D 17/22** (2006.01)

CPC (source: EP US)
B61D 17/06 (2013.01 - EP US); **B61D 17/22** (2013.01 - EP US)

Cited by
CN113232684A

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0370459 A2 19900530; **EP 0370459 A3 19910320**; **EP 0370459 B1 19940202**; AT E101088 T1 19940215; CA 2003891 A1 19900524; CA 2003891 C 19980915; DE 3839716 A1 19900531; DE 58906893 D1 19940317; ES 2049305 T3 19940416; US 5031544 A 19910716

DOCDB simple family (application)
EP 89121514 A 19891121; AT 89121514 T 19891121; CA 2003891 A 19891124; DE 3839716 A 19881124; DE 58906893 T 19891121; ES 89121514 T 19891121; US 44082389 A 19891120